

UNITED STATES OF AMERICA
Docket No.: DEAV2002/0064 US NP**DECLARATION
FOR PATENT APPLICATION**

As a below named inventor(s), I/We hereby declare that:

My/Our residence(s), post office address(es) and citizenship(s) are as stated below my name(s).
I/We verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is claimed
and for which a patent is sought on the invention entitled:

Use of IκB-kinase Inhibitors in Pain Therapy

and the specification of which ☐ is attached hereto (Aventis Docket No. DEAV2002/0064 US NP)
(check one) ☒ was filed on **August 18, 2003** as U.S. Application Number **10/642,974**
and was amended on (if applicable).
☐ was described and claimed in PCT Int'l Application Number filed on
and as amended under PCT Article 19 on (if any).

I/We hereby state that I/We have reviewed and understand the contents of the above identified specification,
including the claims as amended by any amendment referred to above.
I/We acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me/us to
be material to patentability as defined in 37 C.F.R. 1.56.

☒ I/We hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) or 365 (b) of any foreign
application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at
least one other country other than the United States of America, listed below and having a filing date before that of
the application on which priority is claimed. I/We have also identified below any foreign application for patent or
inventor's certificate having a filing date before that of the application on which priority is claimed:

Foreign Priority:	<u>10237723.5</u> Number	<u>Germany</u> Country	<u>17/August/2002</u> Day/Month/Year Filed
----------------------	-----------------------------	---------------------------	---

Prior Foreign Appln(s):	<u> </u> Number	<u> </u> Country	<u> </u> Day/Month/Year Filed
-------------------------------	---------------------------------------	--	---

☒ I/We hereby claim the benefit under Title 35, United States Code §119(e) of any United States Provisional
application(s) listed below:

<u>60/434,628</u> Number	<u>December 19, 2002</u> Filing Date
-----------------------------	---

☐ I/We hereby claim the benefit under Title 35, United States Code §120 or 365(c) of any United States
application(s) or international application designating the United States listed below and, insofar as the subject
matter of each of the claims of this application is not disclosed in the prior United States application in the manner
provided by the first paragraph of Title 35, United States Code §112, I/We acknowledge the duty to disclose
information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56 which
became available between the filing date of the prior application and the national or PCT international filing date of
this application.

<u> </u> Application Serial No.	<u> </u> Filing Date	<u> </u> Status (Patented, Pending)
---	--	---

I/We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information
and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements
and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States code §1001, and that such
willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventors(s): ☒ Additional names and signatures are attached.

Docket No.: DEAV2002/0064 US NP
Page 1 of 2

1. Full name: Martin MICHAELISSignature: Date: 13/11/03Country of Citizenship: GermanyResidence: Frankfurt, Germany

(City and State/City and Country only)

P. O. Address: Savignystr. 2260325 Frankfurt, Germany2. Full name: Olaf RITZELERSignature: Date: 12/11/03Country of Citizenship: GermanyResidence: Bad Soden, Germany

(City and State/City and Country only)

P. O. Address: Hubertushofe 665812 Bad Soden, Germany3. Full name: Gerhard JAEHNESignature: Date: 13/11/03Country of Citizenship: GermanyResidence: Frankfurt, Germany

(City and State/City and Country only)

P. O. Address: Seebachstrasse 2265929 Frankfurt, Germany4. Full name: Karl RUDOLPHISignature: Date: 18/11/03Country of Citizenship: GermanyResidence: Mainz, Germany

(City and State/City and Country only)

P. O. Address: Kapuziner Strasse 1955116 Mainz, Germany5. Full name: Gerd GEISSLINGER

Signature: _____

Date: _____

Country of Citizenship: GermanyResidence: Bad Soden, Germany

(City and State/City and Country only)

P. O. Address: Drei Lindenstrasse 3165812 Bad Soden, Germany6. Full name: Hans-Georg SCHAIBLE

Signature: _____

Date: _____

Country of Citizenship: GermanyResidence: Jena, Germany

(City and State/City and Country only)

P. O. Address: Dornbluthweg 1807743 Jena, Germany

Aventis Pharmaceuticals Inc.
Patent Department
Route #202-206
P.O. Box 6800
Mail Code D-303A
Bridgewater, NJ 08807-0800
Telephone (908) 231-3679
Telefax (908) 231-2626

Aventis Docket No. DEAV2002/0064 US NP

Docket No.: DEAV2002/0064 US NP

Page 2 of 2



UNITED STATES OF AMERICA
Docket No.: DEAV2002/0064 US NP

DECLARATION FOR PATENT APPLICATION

As a below named inventor(s), I/We hereby declare that:

My/Our residence(s), post office address(es) and citizenship(s) are as stated below my name(s).
I/We verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Use of IkB-kinase Inhibitors in Pain Therapy

and the specification of which ☐ is attached hereto (Aventis Docket No. DEAV2002/0064 US NP)
(check one) ☒ was filed on **August 18, 2003** as U.S. Application Number **10/642,974**
and was amended on (if applicable).
☐ was described and claimed in PCT Int'l Application Number filed on
and as amended under PCT Article 19 on (if any).

I/We hereby state that I/We have reviewed and understand the contents of the above identified specification, including the claims as amended by any amendment referred to above.
I/We acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 C.F.R. 1.56.

☒ I/We hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) or 365 (b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one other country other than the United States of America, listed below and having a filing date before that of the application on which priority is claimed. I/We have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Foreign Priority:	10237723.5 Number	Germany Country	17/August/2002 Day/Month/Year Filed
----------------------	-----------------------------	---------------------------	---

Prior Foreign Appln(s):	Number	Country	Day/Month/Year Filed
-------------------------------	--------	---------	----------------------

☒ I/We hereby claim the benefit under Title 35, United States Code §119(e) of any United States Provisional application(s) listed below:

60/434,628 Number	December 19, 2002 Filing Date
-----------------------------	---

☐ I/We hereby claim the benefit under Title 35, United States Code §120 or 365(c) of any United States application(s) or international application designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I/We acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Application Serial No.	Filing Date	Status (Patented, Pending)
------------------------	-------------	----------------------------

I/We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States code §1001, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventors(s): ☒ Additional names and signatures are attached.

Docket No.: DEAV2002/0064 US NP
Page 1 of 2

1. Full name: Martin MICHAELIS

Signature: _____

Date: _____

Country of Citizenship: GermanyResidence: Frankfurt, Germany
(City and State/City and Country only)P. O. Address: Savignystr. 22
60325 Frankfurt, Germany2. Full name: Olaf RITZELER

Signature: _____

Date: _____

Country of Citizenship: GermanyResidence: Bad Soden, Germany
(City and State/City and Country only)P. O. Address: Hubertushohe 6
65812 Bad Soden, Germany3. Full name: Gerhard JAEHNE

Signature: _____

Date: _____

Country of Citizenship: GermanyResidence: Frankfurt, Germany
(City and State/City and Country only)P. O. Address: Seebachstrasse 22
65929 Frankfurt, Germany4. Full name: Karl RUDOLPHI

Signature: _____

Date: _____

Country of Citizenship: GermanyResidence: Mainz, Germany
(City and State/City and Country only)P. O. Address: Kapuziner Strasse 19
55116 Mainz, Germany5. Full name: Gerd GEISSLINGERSignature: Date: 13/11/03Country of Citizenship: GermanyResidence: Bad Soden, Germany
(City and State/City and Country only)P. O. Address: Drei Lindenstrasse 31
65812 Bad Soden, Germany6. Full name: Hans-Georg SCHAIBLE

Signature: _____

Date: _____

Country of Citizenship: GermanyResidence: Jena, Germany
(City and State/City and Country only)P. O. Address: Dornbluthweg 18
07743 Jena, Germany

Aventis Pharmaceuticals Inc.
Patent Department
Route #202-206
P.O. Box 6800
Mail Code D-303A
Bridgewater, NJ 08807-0800
Telephone (908) 231-3679
Telefax (908) 231-2626

Aventis Docket No. DEAV2002/0064 US NP

Docket No.: DEAV2002/0064 US NP
Page 2 of 2



UNITED STATES OF AMERICA
Docket No.: DEAV2002/0064 US NP

DECLARATION FOR PATENT APPLICATION

As a below named inventor(s), I/We hereby declare that:

My/Our residence(s), post office address(es) and citizenship(s) are as stated below my name(s).
I/We verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Use of IκB-kinase Inhibitors in Pain Therapy

and the specification of which ☐ is attached hereto (Aventis Docket No. DEAV2002/0064 US NP)
(check one) ☒ was filed on **August 18, 2003** as U.S. Application Number **10/642,974**
and was amended on _____ (if applicable).
☐ was described and claimed in PCT Int'l Application Number _____ filed on _____
and as amended under PCT Article 19 on _____ (if any).

I/We hereby state that I/We have reviewed and understand the contents of the above identified specification, including the claims as amended by any amendment referred to above.
I/We acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 C.F.R. 1.56.

☒ I/We hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) or 365 (b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one other country other than the United States of America, listed below and having a filing date before that of the application on which priority is claimed. I/We have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Foreign Priority:	<u>10237723.5</u> Number	<u>Germany</u> Country	<u>17/August/2002</u> Day/Month/Year Filed
----------------------	-----------------------------	---------------------------	---

Prior Foreign Appln(s):	Number _____	Country _____	Day/Month/Year Filed _____
-------------------------------	--------------	---------------	----------------------------

☒ I/We hereby claim the benefit under Title 35, United States Code §119(e) of any United States Provisional application(s) listed below:

<u>60/434,628</u> Number	<u>December 19, 2002</u> Filing Date
-----------------------------	---

☐ I/We hereby claim the benefit under Title 35, United States Code §120 or 365(c) of any United States application(s) or international application designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I/We acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Application Serial No.	Filing Date	Status (Patented, Pending)
------------------------	-------------	----------------------------

I/We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States code §1001, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventors(s): ☒ Additional names and signatures are attached.

Docket No.: DEAV2002/0064 US NP
Page 1 of 2

1. Full name: Martin MICHAELIS

Signature: _____

Date: _____

Country of Citizenship: GermanyResidence: Frankfurt, Germany

(City and State/City and Country only)

P. O. Address: Savignystr. 2260325 Frankfurt, Germany2. Full name: Olaf RITZELER

Signature: _____

Date: _____

Country of Citizenship: GermanyResidence: Bad Soden, Germany

(City and State/City and Country only)

P. O. Address: Hubertushohe 665812 Bad Soden, Germany3. Full name: Gerhard JAEHNE

Signature: _____

Date: _____

Country of Citizenship: GermanyResidence: Frankfurt, Germany

(City and State/City and Country only)

P. O. Address: Seebachstrasse 2265929 Frankfurt, Germany4. Full name: Karl RUDOLPHI

Signature: _____

Date: _____

Country of Citizenship: GermanyResidence: Mainz, Germany

(City and State/City and Country only)

P. O. Address: Kapuziner Strasse 1955116 Mainz, Germany5. Full name: Gerd GEISSLINGER

Signature: _____

Date: _____

Country of Citizenship: GermanyResidence: Bad Soden, Germany

(City and State/City and Country only)

P. O. Address: Drei Lindenstrasse 3165812 Bad Soden, Germany6. Full name: Hans-Georg SCHAIBLESignature: H. SchaibleDate: November 12, 2003Country of Citizenship: GermanyResidence: Jena, Germany

(City and State/City and Country only)

P. O. Address: Dornbluthweg 1807743 Jena, Germany

Aventis Pharmaceuticals Inc.
Patent Department
Route #202-206
P.O. Box 6800
Mail Code D-303A
Bridgewater, NJ 08807-0800
Telephone (908) 231-3679
Telefax: (908) 231-2626

Aventis Docket No. DEAV2002/0064 US NP

Docket No.: DEAV2002/0064 US NP

Page 2 of 2



Aventis Docket No. DEAV2002/0064 US NP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICEApplicants: **MICHAELIS, et al.**

Examiner:

Serial No.: **10/642,974**

Group Art Unit.:

Filed: **August 18, 2003**Title: **USE OF IKK-KINASE INHIBITORS IN PAIN
THERAPY****POWER OF ATTORNEY FOR PATENT APPLICATION**

Mail Stop
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

We, Dr. Elmar-Michael Wein and Dr. Johann Then, Authorized Signatories of Aventis Pharma Deutschland GmbH, Assignee of the above-identified Application, hereby appoint the attorneys and/or agents associated with the Customer No.(s) provided below as attorneys and/or agents with full power to prosecute this application on behalf of Assignee and to transact all of Assignee's business in connection with the above-identified Application in the Patent and Trademark Office:

Customer No.: 005487Effective Date: August 18, 2003

By:

Dr. Elmar-Michael Wein

By:

Dr. Johann ThenTitle: ProkuristTitle: Authorized SignatoryDate: 19 NOV. 2003

Date:

Address correspondence and telephone calls to:
Julie Anne Knight, Reg. No. 48,867
Aventis Pharmaceuticals Inc.
Patent Department
Route #202-206 / P.O. Box 6800
Bridgewater, New Jersey 08807-0800
Telephone (908) 231-3679
Telefax (908) 231-2626